

Amendments to the Specification

- 1) Please insert the following subtitle at page 1, below the title:

Background

- 2) Please insert the following subtitle at page 2, line 19:

Summary

- 3) Please insert the following subtitle and text at page 3, line 6:

Description of Preferred Embodiments

The present invention provides a solution to the problem of injecting carbon dioxide, particularly in a large quantity, into chambers containing a reactive or unreactive pressurized transferring gaseous medium.

The invention also provides an injection device capable of implementing this method.

Carbon dioxide is injected into the pressurized transferring gaseous medium to be treated, present inside a chamber, from liquid carbon dioxide. The method comprises the following steps:

- converting liquid carbon dioxide into two-phase "gas + solid" carbon dioxide by means of a direct expansion device;
- injecting the two-phase carbon dioxide so formed into the gaseous medium to be treated with the aid of an injector tapped into the wall of the chamber containing said pressurized transferring gaseous medium to be treated; and
- a step of injecting an inerting gas into the carbon dioxide between the direct expansion device and the injector.

- 4) Please delete the text found at page 6, lines 23 through 29.

- 5) Please insert the following subtitle and text at page 6, line 30:

Brief Description of the Drawings

For a further understanding of the nature and objects for the present invention, reference should be made to the following detailed description, taken in conjunction with the accompanying drawings, in which like elements are given the same or analogous reference numbers and wherein:

- Figure 1 illustrates a schematic view of one embodiment of the present invention;

- Figure 2 illustrates a view of one embodiment of an injector according to the present invention; and
- Figure 2A illustrates a sectional view, along the axis AA, of the embodiment shown in Figure 2.

6) Please insert the following paragraph at page 10, line 11:

It will be understood that many additional changes in the details, materials, steps and arrangement of parts, which have been herein described in order to explain the nature of the invention, may be made by those skilled in the art within the principle and scope of the invention as expressed in the appended claims. Thus, the present invention is not intended to be limited to the specific embodiments in the examples given above.

7) Please replace the subtitle at page 11, line 1, with the following text:

CLAIMS What is claimed is: